

CLAIMS:

1. A cutting member for use in a device for shaving hair, said cutting member having a steel substrate which is provided with a cutting edge, at least a portion of a surface of the substrate including the cutting edge being provided with a coating having a hardness which is higher than a hardness of the steel substrate, characterized in that at least the portion
5 of the surface of the substrate provided with the coating is nitride hardened.
2. A cutting member as claimed in claim 1, characterized in that the portion of the surface of the substrate provided with the coating is plasma nitrided.
- 10 3. A cutting member as claimed in claim 1, characterized in that the substrate is made from stainless steel.
4. A cutting member as claimed in claim 1, characterized in that the coating comprises a plurality of stacked pairs of layers, wherein each pair comprises a first layer
15 mainly comprising carbon and a second layer mainly comprising a metal, and each pair has a thickness between 1 and 10 nm.
5. A cutting member as claimed in claim 4, characterized in that the second layer comprises Cr, Nb, Mo, Ti, V, or W.
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6. A cutting member as claimed in claim 4, characterized in that the coating has a thickness between 50 and 200 nm.
7. A cutting member as claimed in claim 1, characterized in that the coating
25 comprises diamond-like carbon (DLC).
8. A device for shaving hair, comprising a cutting member having a steel substrate which is provided with a cutting edge, at least a portion of a surface of the substrate including the cutting edge being provided with a coating having a hardness which is higher

than a hardness of the steel substrate, characterized in that the cutting member is a cutting member as claimed in claim 1, 2, 3, 4, 5, 6, or 7.